

**IN THE CLAIMS:****Listing of Claims:**

- 1    1.    (amended herein) An improved system for device communications, comprising:  
2                    at least one computer;  
3                    a device emulation in communication with said computer;  
4                    a computer emulation in communication with said device emulation, wherein  
5    said computer emulation is presented to said device by a device-connected remoting  
6    system, said device-connected remoting system in communication with at least one  
7    computer-connected remoting system, said device emulation presented to said computer  
8    by said computer-connected remoting system; and  
9                    a remote device in communication with said computer emulation;  
10                   data reading means for reading data transmitted to a said remoting system by  
11    said remote device or said computer;  
12                   data grouping means for grouping said read data into groups;  
13                   data packaging means for packaging said groups;  
14                   package transmitting means for transmitting said packaged data to another  
15    said remoting system; and  
16                   package receiving means for receiving said packages transmitted by other  
17    said remoting systems.
- 1    2.    (canceled herein) The system of Claim 1, wherein said computer emulation is  
2    presented to said device by a device connected remoting system, said device connected  
3    remoting system in communication with at least one computer connected remoting  
4    system; and

5            wherein said device emulation is presented to said computer by said  
6 computer connected remoting system.

1    3. (canceled herein) The system of Claim 2, wherein said remoting systems further  
2 comprise:

3            data reading means for reading data transmitted to said remoting system by  
4 said remote device or said computer;

5            data grouping means for grouping said read data into groups;

6            data packaging means for packaging said groups;

7            package transmitting means for transmitting said packaged data to another  
8 said remoting system; and

9            package receiving means for receiving said packages transmitted by other  
10 said remoting systems.

1    4. (amended herein) The system of Claim 13, wherein said remoting systems further  
2 comprise processing means for processing said packaged data.

1    5. (original) The system of Claim 4, wherein said remoting systems are in  
2 communication with each other over a wide area network communication system.

1    6. (amended herein) An improved method for a computer communicating with a  
2 remote device, comprising the steps of:

3            the computer communicating with a device emulation, said device emulation  
4 presented by a computer-connected remoting system;

5            said device emulation communicating with a computer emulation; and

6            the remote device communicating with said computer emulation, said  
7 computer emulation presented by a device-connected remoting system.

1 7. (canceled herein) The method of Claim 6, wherein said computer communicating  
2 step comprises said computer communicating with a device emulation, said device  
3 emulation presented by a computer connected remoting system.

1 8. (canceled herein) The method of Claim 7, wherein said remote device  
2 communicating step comprises said remote device communicating with a computer  
3 emulation, said computer emulation presented by a device connected remoting system.

1 9. (amended herein) The method of Claim 68, wherein said device emulation  
2 communicating with said computer emulation step comprises:

3 said device-connected remoting system grouping, packaging and transmitting  
4 data to said computer-connected remoting system; and

5 said computer-connected remoting system receiving said grouped, packaged  
6 and transmitted data and responsively processing and transmitting said data to said device  
7 emulation.

1 10. (original) The method of Claim 9, wherein said data packaging and transmitting  
2 steps are responsive to the quality of said communications between said remoting  
3 systems.

1 11. (amended herein) A device for improving remote interaction between at least one  
2 computer and an electronic device, comprising:

3 means for communicating with said at least one computer;

4 means for communicating with said electronic device; and

5 computer emulation means for emulating a said computer's communications  
6 with the electronic device, said computer emulation means in communication with said  
7 electronic device;

8 device resident driver set means, defined by non-time-dependent responses,  
9 time-dependent responses and time-dependent commands, said time-dependent  
10 commands of the type conventionally residing in a computer-resident driver set means.

1   **12.** (canceled herein) The device of Claim 11, further comprising:

2                   device resident driver set means, defined by non-time-dependent responses,  
3   time-dependent responses and time-dependent commands, said time-dependent  
4   commands of the type conventionally residing in a computer resident driver set means.

1   **13.** (amended herein) The device of Claim 112, further comprising:

2                   data reading means for reading data transmitted to said device by said  
3   electronic device;

4                   data grouping means for grouping said read data into groups;

5                   data packaging means for packaging said groups;

6                   package transmitting means for transmitting said packaged data to another  
7   said device; and

8                   package receiving means for receiving said packages transmitted by other  
9   said devices.

1   **14.** (original) The device of Claim 13, wherein:

2                   said data packaging means comprises compressing said groups; and

3                   said data packaging means comprises encrypting said groups.

1   **15.** (original) The device of Claim 14, further comprising:

2                   transmission performance sensor means for detecting the quality of  
3   transmissions between said devices; and

4                   wherein said grouping means and said packaging means are responsive to  
5   said transmission performance sensor means.

1   **16.** (new) The device of Claim 1, wherein:

2                   said data grouping means groups said read data according to predetermined  
3   time periods; and

4           said data packaging means packages said groups by compressing said groups.

1   17. (new) The device of Claim 16, wherein said data packaging means packages said  
2   groups by encrypting said groups.

1   18. (new) The device of Claim 17, wherein said data packaging means packages said  
2   groups by adding an authentication watermark to said group.